

Title (en)

Actuator with energy recovery return.

Title (de)

Stellglied mit Rückführung durch Energierückgewinnung.

Title (fr)

Vérin à retour par récupération d'énergie.

Publication

EP 0468548 A2 19920129 (EN)

Application

EP 91200820 A 19910409

Priority

US 55737090 A 19900724

Abstract (en)

An electronically controlled actuator (13) which compresses a fluid thereby storing potential energy as it translates from a first to a second position is disclosed. The compressed fluid exerts a high force on the actuator (13) and the potential energy is recovered in returning the actuator (13) to the first position. A latching arrangement (23) automatically locks the actuator shaft (11) as it reaches the second position. The latching arrangement is selectively unlocked at the prescribed time to allow the stored potential energy to return the actuator (13) to the first position. <IMAGE>

IPC 1-7

F01L 9/02; **F01L 9/04**

IPC 8 full level

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CPC (source: EP US)

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